

Recombinant Equine IL18

Cat. No. IL18-208E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Equine IL18 was expressed in E.coli.
Species	Equine
Source	E.coli
Description	Interleukin-18 (IL18, also known as interferon-gamma inducing factor) is a protein which in humans is encoded by the IL18 gene. The protein encoded by this gene is a proinflammatory cytokine.
Form	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Molecular Mass	n/a
Endotoxin	<1.0EU per 1µg (determined by the LAL method)
Purity	> 95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37oC for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date

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under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

IL18 interleukin 18 (interferon-gamma-inducing factor) [*Equus caballus* (horse)]

Official Symbol

IL18

Synonyms

IL18; interleukin 18 (interferon-gamma-inducing factor); IGIF; IL-18; interleukin-18; IL-1 gamma; interleukin-1 gamma; IFN-gamma-inducing factor; interferon gamma inducing factor; interferon gamma-inducing factor; interferon-gamma-inducing factor

Gene ID

100034216

mRNA Refseq

NM_001082512

Protein Refseq

NP_001075981

UniProt ID

Q9XSQ7

Chromosome Location

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Pathway

African trypanosomiasis; African trypanosomiasis; NOD-like receptor signaling pathway

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